Monthly Divisional Report

New Jersey State Highway Department

May 1959

NJ
HE
356
N5
M65
1959-05
C.1

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May 19 59

Division: Accounting & Administrative Services

Bureau: Comptroller's Office
Bureau of Auditing & Accounting

The Comptroller attended Task Force Committee meetings (Automotive Safety Foundation), J. F. Andrews presiding as Chairman.

Miss M. Hankerd of the Automotive Safety Foundation, Washington, D. C. interviewed personnel anent budget procedures, programming, etc., in connection with that phase of the Foundation's survey.

The Comptroller also attended meeting regarding new regulations governing uniform payment of overtime.

At the direction of the Comptroller, investigation is underway for the dropping of Extended Coverage #4 and Malicious Mischief insurance, towards the end of saving better than $2,000 per year, inasmuch as the frequency of occurrence of wind damage in the State of New Jersey apparently does not warrant the expenditure of a premium of this size. It appears to be economically feasible to be self-insuring against these hazards.

Meetings, with the Comptroller in attendance, were conducted with various Division and Bureau heads for the purpose of discussing Peat, Marwick & Mitchell recommendations to be instituted as operational procedure effective July 1, 1959.

In the Bureau of Auditing & Accounting, the Quarterly Expenditures and Commitments Report dated March 31, 1959 was completed. A new process of reproducing and reducing by means of Zerox Camera #4 has been employed in the instance of the larger statements which were previously done with stencils and mimeograph. The result is a neater, more compact report. Further experiments will be made along these lines with other data contained in the report.

Approximately 3500 invoices were passed for payment for materials, supplies, estimates to contractors, right of way invoices and utility bills, together with regular bi-weekly payroll. The number of invoices have been increasing steadily. In the past year an additional 500 invoices are being processed.

Warrants were drawn for 242 County and Municipal Aid payments amounting to $4,096,808.32. Funds were certified on Contracts, Price Agreements, Transfer forms, 1959 Applications and Agreements for Municipal Aid Construction Funds. The 1959 Formula Schedule Accounts for the various municipalities were set up.

Cyrus Card
Comptroller

NJ
HE
356
N5
M65
1959-05
C.1

Form 24AD-39

MONTHLY DIVISIONAL REPORT Month of May 19 59

Division: Accounting & Administrative Services
Bureau: Comptroller's Office
Bureau of Auditing & Accounting

The Comptroller attended Task Force Committee meetings (Automotive Safety Foundation), J. F. Andrews presiding as Chairman.

Miss M. Hankerd of the Automotive Safety Foundation, Washington, D. C. interviewed personnel ament budget procedures, programming, etc., in connection with that phase of the Foundation's survey.

The Comptroller also attended meeting regarding new regulations governing uniform payment of overtime.

At the direction of the Comptroller, investigation is underway for the dropping of Extended Coverage #1, and Malicious Mischief insurance, towards the end of saving better than $2,000 per year, inasmuch as the frequency of occurrence of wind damage in the State of New Jersey apparently does not warrant the expenditure of a premium of this size. It appears to be economically feasible to be self-insuring against these hazards.

Meetings, with the Comptroller in attendance, were conducted with various Division and Bureau heads for the purpose of discussing Park, Marwick & Mitchell recommendations to be instituted as operational procedure effective July 1, 1959.

In the Bureau of Auditing & Accounting, the Quarterly Expenditures and Commitments Report dated March 31, 1959 was completed. A new process of reproducing and reducing by means of Xerox Camera #1 has been employed in the instance of the larger statements which were previously done with stencils and mimeograph. The result is a neater, more compact report. Further experiments will be made along these lines with other data contained in the report.

Approximately 3500 invoices were passed for payment for materials, supplies, estimates to contractors, right of way invoices and utility bills, together with regular bi-weekly payroll. The number of invoices have been increasing steadily. In the past year an additional 500 invoices are being processed.

Warrants were drawn for 2142 County and Municipal Aid payments amounting to $4,096,804.32. Funds were certified on Contracts, Price Agreements, Transfer forms, 1959 Applications and Agreements for Municipal Aid Construction Funds. The 1959 Formula Schedule Accounts for the various municipalities were set up.

Cyrus Gard
Comptroller

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May 19 59

Division: Administration

Bureau: Hourly Payroll Bureau

Preparation of bi-weekly Hourly Basis Payrolls, checking and approval of same. Supervise the drawing of individual checks each bi-weekly pay or a total of 2937 checks for the month. Total of payrolls for the month $464,801.99. Signed as Head Paymaster the above mentioned checks.

Correspondence regarding Hourly Basis personnel.

Prepared Accounts Receivable billings, deposit of checks and cash for the month, approval of releases in conjunction with Accounts Receivable.

Supervise the personnel of the Hourly Payroll Bureau in regular routine work on maintaining necessary forms and information required.

Spent three (3) days in the field conferring with Highway Department employees regarding their retirement from State Service.

Conference with Highway Department heads regarding procedure to be adopted in payment of overtime for emergencies.

Clyde W. Case
Head Paymaster

Form 4AD-39

MONTHLY DIVISIONAL REPORT

Month of May 19 59

Division: Administration

Bureau: Hourly Payroll Bureau

Preparation of bi-weekly Hourly Basis Payrolls, checking and approval of same. Supervise the drawing of individual checks each bi-weekly pay or a total of 2937 checks for the month. Total of payrolls for the month $41,801.99. Signed as Head Paymaster the above mentioned checks.

Correspondence regarding Hourly Basis personnel.

Prepared Accounts Receivable billings, deposit of checks and cash for the month, approval of releases in conjunction with Accounts Receivable.

Supervise the personnel of the Hourly Payroll Bureau in regular routine work on maintaining necessary forms and information required.

Spent three (3) days in the field conferring with Highway Department employees regarding their retirement from State Service.

Conference with Highway Department heads regarding procedure to be adopted in payment of overtime for emergencies.

Clyde W. Case
Head Paymaster

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of MAY 19 59

Division: ACCOUNTING & ADMINISTRATIVE SERVICES
Bureau: OFFICE SERVICES

OFFICE SERVICES

A SURVEY WAS MADE OF THE METUCHEN OFFICE. FURNITURE IS ADEQUATE FOR THE NEEDS OF THIS OFFICE. SOME TYPE OF FANS OR AIR-CONDITIONING SHOULD BE MADE AVAILABLE AS THE HEAT IS TERRIFIC IN THESE OFFICES.

DUE TO POLLUTED WATER IN THE NEWARK OFFICE BUILDING, IT WAS DECIDED TO RENT TWO WATER COOLERS AND PROVIDE SPRING WATER FOR THIS OFFICE BECAUSE OF HEALTH CONDITIONS.

COMPLETION WAS MADE OF THE TELEPHONE REVISIONS IN THE LABORATORY BUILDING. THIS WILL GIVE THE EMPLOYEES IN THIS BUILDING FACILITIES ON OUR MAIN SWITCHBOARD AT 1035 PARKWAY AVENUE. THIS SHOULD EXPEDITE TOLL CALLS AND SAVE MONEY AS THERE SHOULD NOT BE ANY DELAY IN MAKING PROPER CONNECTIONS.
ROUTINE WORK HAS PICKED UP GREATLY PARTICULARLY IN OUR DUPLICATING SECTION AND TELEPHONE SECTION, NECESSITATING OVERTIME WORK IN THE DUPLICATING SECTION.

FILES & RECORDS

WORK CONTINUES ON THE RECORD RETENTION PROGRAM AND DESTRUCTION AUTHORIZATIONS. CURRENT PAPERWORK IN THE FILES SERVICED IN THE STATE AID DIVISION HAVE INCREASED TO SUCH AN EXTENT THAT AN ADDITIONAL FOUR CABINETS WERE URGENTLY NEEDED, HOWEVER, BY STRICT APPLICATION OF OUR DESTRUCTION AUTHORIZATION WE WERE ABLE TO CLEAR ENOUGH MATERIAL FROM OTHER FILES TO MEET THIS NEED WITHOUT RESORTING TO PURCHASING NEW CABINETS. IN ADDITION, WE WERE ABLE TO SUPPLY A FILE CABINET TO MR. DAVIS, TWO TO MR. ANDREWS, AND ONE TO MR. CUNNINGHAM.

DUPLICATING SECTION

WE ARE NOW IN THE ANNUAL "RUSH" PERIOD AND ARE BUSILY ENGAGED IN THE PRINTING OF TRACINGS AND THE RUNNING OF SUPPLEMENTAL SPECIFICATIONS. AS THESE MANY JOBS MUST BE COMPLETED BEFORE THE JULY 1ST DEADLINE WE ARE WORKING OVERTIME IN ORDER TO EXPEDITE THE FLOW OF WORK.
WE HAVE ALSO BEEN GIVEN NEW QUARTERS WHICH HAS RESULTED IN MORE SPACE, BETTER LIGHTING CONDITIONS, AND COOLER WORKING CONDITIONS. PREVIOUSLY, BECAUSE OF THE CROWDED CONDITIONS, FLOW OF WORK WAS SOMETIMES HAMPERED. WITH OUR NEW OFFICE, NOT ONLY HAS PRODUCTION INCREASED BUT THE MORALE OF THE PERSONNEL HAS ALSO IMPROVED.
SEVERAL NEW FORMS HAVE BEEN PROCESSED AND COMPLETED. THE FIRST FINANCIAL REPORT HAS ALSO BEEN REPRODUCED USING XEROX TO REDUCE THE LARGE STATEMENTS TO THE STANDARD $8\frac{1}{2}$" x 11" SIZE.

MAILING SECTION

A RECORD AMOUNT OF PLANS WENT OUT FROM THE CONSTRUCTION BUREAU, POSTAGE AMOUNTING TO ALMOST $300.00. OVER $2000,00 WAS USED DURING THE MONTH, THE BULK OF WHICH WAS EXPENDED ON ENVELOPES FOR STATE AID AND THE LABORATORY, FOR WHICH WE PREPAY THE POSTAGE. THE SECRETARY'S OFFICE AND THE BUREAU OF PUBLIC RELATIONS ACCOUNTED FOR SEVERAL HUNDRED DOLLARS WORTH OF POSTAGE. MAP REQUESTS WEREN'T TOO NUMEROUS IN SPITE OF THE FACT THAT VACATION TIME IS HERE.

Form #AD-39

MONTHLY DIVISIONAL REPORT

Month of MAY 19 59

Division: ACCOUNTING & ADMINISTRATIVE SERVICES
Bureau: OFFICE SERVICES

OFFICE SERVICES

A SURVEY WAS MADE OF THE METUCHEN OFFICE. FURNITURE IS ADEQUATE FOR THE NEEDS OF THIS OFFICE. SOME TYPE OF FANS OR AIR-CONDITIONING SHOULD BE MADE AVAILABLE AS THE HEAT IS TERRIFIC IN THESE OFFICES.

DUE TO POLLUTED WATER IN THE NEWARK OFFICE BUILDING, IT WAS DECIDED TO RENT TWO WATER COOLERS AND PROVIDE SPRING WATER FOR THIS OFFICE BECAUSE OF HEALTH CONDITIONS.

COMPLETION WAS MADE OF THE TELEPHONE REVISIONS IN THE LABORATORY BUILDING. THIS WILL GIVE THE EMPLOYEES IN THIS BUILDING FACILITIES ON OUR MAIN SWITCHBOARD AT 1055 PARKWAY AVENUE. THIS SHOULD EXPEDITE TOLL CALLS AND SAVE MONEY AS THERE SHOULD NOT BE ANY DELAY IN MAKING PROPER CONNECTIONS.
ROUTINE WORK HAS PICKED UP GREATLY PARTICULARLY IN OUR DUPLICATING SECTION AND TELEPHONE SECTION, NECESSITATING OVERTIME WORK IN THE DUPLICATING SECTION.

FILES & RECORDS

WORK CONTINUES ON THE RECORD RETENTION PROGRAM AND DESTRUCTION AUTHORIZATIONS. CURRENT PAPERWORK IN THE FILES SERVICED IN THE STATE AID DIVISION HAVE INCREASED TO SUCH AN EXTENT THAT AN ADDITIONAL FOUR CABINETS WERE URGENTLY NEEDED, HOWEVER, BY STRICT APPLICATION OF OUR DESTRUCTION AUTHORIZATION WE WERE ABLE TO CLEAR ENOUGH MATERIAL FROM OTHER FILES TO MEET THIS NEED WITHOUT RESORTING TO PURCHASING NEW CABINETS. IN ADDITION, WE WERE ABLE TO SUPPLY A FILE CABINET TO MR. DAVIS, TWO TO MR. ANDREWS, AND ONE TO MR. CUNNINGHAM.

DUPLICATING SECTION

WE ARE NOW IN THE ANNUAL "RUSH" PERIOD AND ARE BUSILY ENGAGED IN THE PRINTING OF TRADINGS AND THE RUNNING OF SUPPLEMENTAL SPECIFICATIONS. AS THESE MANY JOBS MUST BE COMPLETED BEFORE THE JULY 1ST DEADLINE WE ARE WORKING OVERTIME IN ORDER TO EXPEDITE THE FLOW OF WORK.
WE HAVE ALSO BEEN GIVEN NEW QUARTERS WHICH HAS RESULTED IN MORE SPACE, BETTER LIGHTING CONDITIONS, AND COOLER WORKING CONDITIONS. PREVIOUSLY, BECAUSE OF THE CROWDED CONDITIONS, FLOW OF WORK WAS SOMETIMES HAMPERED. WITH OUR NEW OFFICE, NOT ONLY HAS PRODUCTION INCREASED BUT THE MORALE OF THE PERSONNEL HAS ALSO IMPROVED.
SEVERAL NEW FORMS HAVE BEEN PROCESSED AND COMPLETED. THE FIRST FINANCIAL REPORT HAS ALSO BEEN REPRODUCED USING XEROX TO REDUCE THE LARGE STATEMENTS TO THE STANDARD 8½" x 11" SIZE.

MAILING SECTION

A RECORD AMOUNT OF PLANS WENT OUT FROM THE CONSTRUCTION BUREAU, POSTAGE AMOUNTING TO ALMOST $500.00. OVER $2000.00 WAS USED DURING THE MONTH, THE BULK OF WHICH WAS EXPENDED ON ENVELOPES FOR STATE AID AND THE LABORATORY, FOR WHICH WE PREPAY THE POSTAGE. THE SECRETARY'S OFFICE AND THE BUREAU OF PUBLIC RELATIONS ACCOUNTED FOR SEVERAL HUNDRED DOLLARS WORTH OF POSTAGE. MAP REQUESTS WEREN'T TOO NUMEROUS IN SPITE OF THE FACT THAT VACATION TIME IS HERE.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of MAY, 1959.

Division: Administration

Bureau: Purchase and Stores

The activities in the Purchase and Stores Bureau during the month of May, 1959, were mostly of a routine nature.

Invitations to bid sent to 86 vendors for the sale of scrap iron and steel, scrap tires, used tires (casings), Ford motors- as is, and one Multi-Foote paver. Bids returnable June 11, 1959.

Check from the State Treasurer in payment of 5 empty turpentine drums at $6.00-each - $30.00, returned by the Bureau of Purchase and Stores to the State Purchasing Department Warehouse, forwarded to Cyrus Card, Comptroller.

Checks totaling $1087.90 in payment of 53.990 tons miscellaneous scrap iron and steel at $20.15-net ton, from Harry Goldberg & Sons, Perth Amboy, New Jersey, as a result of high bid of April 8, 1959, forwarded to Cyrus Card, Comptroller.

Permission granted by State Purchasing Department for additional $50.00 to be used for purchase of medical supplies.

Authorization was requested and Direct Purchase Orders prepared and forwarded to the State Purchasing Department covering emergency purchases of various supplies, materials and services for use throughout the Highway Department during the 1960 fiscal year.

Interviewed 43 salesmen representing various concerns during the month and attended 11 meetings re departmental matters and purchases.

Clifford Wear

Clifford Wear
Supervisor, Purchase and Stores Bureau

Form 4AD-39

MONTHLY DIVISIONAL REPORT

Month of MAY, 1959.

Division: Administration

Bureau: Purchase and Stores

The activities in the Purchase and Stores Bureau during the month of May, 1959, were mostly of a routine nature.

Invitations to bid sent to 86 vendors for the sale of scrap iron and steel, scrap tires, used tires (casings), Ford motors- as is, and one Multi-Poote paver. Bids returnable June 11, 1959.

Check from the State Treasurer in payment of 5 empty turpentine drums at $6.00-each - $30.00, returned by the Bureau of Purchase and Stores to the State Purchasing Department Warehouse, forwarded to Cyrus Card, Comptroller.

Checks totalling $1087.90 in payment of 53.990 tons miscellaneous scrap iron and steel at $20.15-net ton, from Harry Goldberg & Sons, Perth Amboy, New Jersey, as a result of high bid of April 8, 1959, forwarded to Cyrus Card, Comptroller.

Permission granted by State Purchasing Department for additional $50.00 to be used for purchase of medical supplies.

Authorization was requested and Direct Purchase Orders prepared and forwarded to the State Purchasing Department covering emergency purchases of various supplies, materials and services for use throughout the Highway Department during the 1960 fiscal year.

Interviewed 43 salesmen representing various concerns during the month and attended 11 meetings re departmental matters and purchases.

Clifford Weer
Supervisor, Purchase and Stores Bureau

Form #AD-39

REPORTS - MONTHLY

MONTHLY DIVISIONAL REPORT Month of May 1959

Division: Accounting and Administrative Services
Bureau: Office of the Secretary

CONTRACTS

Bids received on eleven (11) projects and necessary reports and certificates of award prepared. Twelve (12) contracts awarded; contracts prepared and forwarded for execution. Execution of fifteen (15) contracts completed. Seventeen (17) projects advertised for bids. 343 sets of plans and supplementary specifications distributed.

SCHEDULES OF APPROVALS

Four (4) Schedules prepared listing a total of four hundred and six items (406), which by a combination of items where possible represents action on five hundred and eighty-seven (587) individual items. Official copies of Schedules signed by the Commissioner, placed in the Minutes Book and indexed. Schedules distributed in accordance with regulations and necessary letters concerning official actions written.

GENERAL

57 standard specifications issued
5 Deposits made for transmittal of income
11 Traffic Regulations certified to the Director, Div. Motor Vehicles
86 Property agreements attested and processed
28 Agreements attested and processed
5 Deeds of Conveyance acknowledged and attested
1 Utility Order attested and processed
25 Municipal Aid contracts, applications, agreements, transfers, etc. certified
37 Motor Vehicle license forms executed
2 Lease agreements executed and processed
16 Releases executed
3 Motor Vehicle release agreements executed

2500 (approximately) maps distributed

General correspondence, filing and answering telephone inquiries

Kenneth D. Rice

Kenneth D. Rice
Secretary

Kenneth D. Tice

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May 1959

Division: Bridge

Bureau: Bridges Under Construction Sheet #1

		% of COMPLETION
Rt. US 1:		
Sec. 1	Four Structures, Lawrence Twp., Mercer County	23
2	Culvert, Lawrence Twp., Mercer County	98
3	Two Bridges & Culvert, Plainsboro, Mercer County	37
4	Rail Repairs (6 Bridges) Collard Ave.-Palisade Ave.,Jersey City	93
Rt. US1&9:		
Sec. 1&2	Ramp Revisions, Jersey City, Hudson County	4
Rt. S3:		
Sec. 3D	Brs. at Broad St. & Bloomfield Ave., Clifton, Passaic Co.	100
Rt. 17:		
Sec. 7C	Midland Ave. Overpass, Paramus, Bergen County	97
Rt. 18:		
Sec. 2	2 Overpasses, 2 Walls, New Brunswick, Middlesex County	33
4	Englishtown Road Underpass, Madison Twp., Middlesex Co.	40
Rt. 21:		
Sec. 1B	Six Structures, Belleville & Nutley, Essex County	88
Rt. 29:		
Sec. 13E	Two Pedestrian Overpasses, Trenton, Mercer County	100
Rt. 72:		
Sec. 5E	Manahawkin Bay Bridge, Superstructure, Ocean County	100
5F	Manahawkin Bay Bridge, Three Trestles, Ocean County	98
Rt. 78:		
Sec. 2E	5 Structures, Bloomsbury, Beth. & Union Twp., Hunterdon Co.	35
2F	O.P. at CRR & LVRR, Bloomsbury & Bethlehem Twp., Hunterdon Co.	21
Rt. 101:		
Sec. 2A	Seven Structures, Rockaway, Morris County	100
2C	Eight Structures, Wharton, Morris County	87
2D	Overpass at DL&WRR, Roxbury Twp., Morris County	85
Rt. 102:		
Sec. 2B	Six Bridges, Greenwich Twp., Warren-Hunterdon Counties	93
2D	Six Bridges, Greenwich & Franklin Twps., Warren-Hunterdon Co.	96
Rt. 104:		
Sec. 1A-2A	East & West Viaducts over Raritan River, Middlesex-Somerset Co.	57
Rt. 108:		
Sec. 1B	Plant St. U.P. and Salem Canal Bridge, Salem County	99
2B	4 Bridges & Culvert, Haddon Heights, Camden County	98
2C	U.P. at Penn-Reading SS Lines, Bellmawr, Camden Co.	98

		% of COMPLETION
Rt. 202:		
Sec. 2	Two Structures, Branchburg Twp., Somerset Co.	100
3	Bridge over N.Br. Raritan River, Branchburg, Somerset Co.	71
Rt. 208:		
Sec. 2	Ewing Ave. O.P., Franklin Lakes, Bergen County	10
3	4 Structures, Hawthorne & Wyckoff, Passaic-Bergen Counties	80
Rt. 295:		
Sec. 1C	9 Structures, Deptford & Westville, Camden-Gloucester Co.	6
	Scudders Falls Bridge (Substructure) over Delaware River	86
	Scudders Falls Bridge (Superstructure) over Delaware River	3
	Aqueduct Bridge over Pompton River, Lincoln Park, Morris-Passaic Co.	87
	Washington Ave.Bridge over Green Brook, Green Brook Twp., Somerset Co.	96
	Springfield Ave. Bridge over Salt Creek, New Providence, Union County	78

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May 1959

Division: Bridge

Bureau: Design Section Sheet #1

Rt. US 1: Underpass at Milltown Road:
Sec. Reviewing plans prepared by Howard, Needles, Tammen & Bergendoff.

Rt. 4: Pedestrian Overpasses at Forest Ave. & N. Hackensack:
Sec. Plans being prepared.

Rt. 4 Pkwy: Chestnut Avenue Ramp Culvert:
Sec. 9N Bids to be received June 17, 1959.

Rt. US9: Cape May Canal Bridge:
Sec. 2 Bids received May 13, 1959. Ole Hansen & Sons, low bidder.

Rt. 10: Underpass at Salem Street:
Sec. Plans being prepared.

Rt. 13: Lovelandtown Bridge (Sidewalks):
Sec. 1 Plans prepared. Bids to be received June 3, 1959.

Rt. 15: Bridge over Burnt Meadow Brook:
Sec. 1 Bids received May 20, 1959. Awarded to Whippany Constr. Co., low bidder.

Rt. 17: Century Road Overpass:
Plans being prepared.

Rt. 18: Overpass at Route US 9:
Sec. 5 Reviewing plans prepared by Edwards & Kelcey.

Rt. 20: Interchange at Route 4:
Reviewing plans prepared by Stelling, Lord-Wood & Van Suetendael.

Rt. 21: Ten Structures:
Sec. 1C Reviewing plans prepared by Edwards & Kelcey.

Rt. US22: Vaux Hall Road (Steps); Pedestrian Overpasses at Fairway Avenue and Mountainside School:
Plans being prepared.

Rt. 23: Peckman Brook Bridge:
Sec. 1 Bids to be received June 11, 1959.

Rt. 35:
Sec. Matawan Creek Bridge (Grid Floor-Bascule Span):
Plans being prepared.
Sec. LVRR Main Line & LVRR Spur Track at Convery Blvd.:
Plans being prepared.

Rt. 38: Widening 8 Structures:
Sec. 1 Reviewing plans prepared by John G. Reutter, Consulting Engineer.

Rt. 46: Pedestrian Overpass, Hasbrouck Heights:
Sec. Plans being prepared.

Rt. 52: Ocean City-Somers Point (Grid Floor-Ship Channel Bridge & Radio Mast):
Plans being prepared.

Overpass at Bolton Street:
Plans being prepared.

Overpass at Poole Rd:
Receiving plans prepared by Howard & Kelsey.

Interchange at York Rd:
Receiving plans prepared by Sterling, Lord-Aud & Van Deusenhof.

Van Buskirk:
Receiving plans prepared by Howard & Kelsey.

Vaux Hall Road (Bridge); Pedestrian overpasses at Hickory Avenue and Bonnieinnside Boulevard:

Overpass at Dover Road:
Bids received May 20, 1939. Awarded to Chippany Constr. Co., Inc. Plans being prepared.

Underpass at Salem Street:

Volunteer Bridge (Pontoon):
Plans prepared. Bids to be received June 3, 1939.

Lane Bay Canal Bridge:
Bids received May 17, 1939. Ole Hansen & Sons, Low Bidder.

Chesapeake Avenue Over Drives:
Bids to be received June 17, 1939.

MONTHLY DIVISIONAL REPORT — Month of May, 1959
Division: Bridge
Bureau: Design Section — Sheet #2

Rt. 71:
Sec. 1O — Culvert at Whale Pond Brook: Plans being prepared.
Sec. 1OB — Culverts at Poplar Brook & Ocean Port Creek: Plans being prepared.
Sec. — Timber Bulkhead at Deal Lake: Plans being prepared.

Rt. 73: — Rt. 73 over US 130, US 130 over Pennsauken Creek, Ramp A over Rt. 73: Plans being prepared.

Rt. 78: — Six Bridges:
Sec. 2G — Reviewing plans prepared by Parsons, Brinckerhoff, Hall & MacDonald.

Rt. 80:
Sec. 2G — Pedestrian Bridge over Ramp K, Denville: Bids to be received 6/17/59.
Sec. 2E — Ten Bridges: Bids rec'd 5/27/59. Conduit & Foundation Corp., low bidder.
Sec. 4 — Bergen-Passaic Expressway: Reviewing plans by Fay, Spofford & Thorndike.
Sec. 5 — Bergen-Passaic Expressway: Rev. plans by Parsons, Brinckerhoff, Hall & MacDonald.
Sec. 2J — 4 Bridges: Reviewing plans prepared by Louis Berger & Associates.

Rt. 95: — Overpasses at Broad Ave. and Grand Ave.:
Reviewing plans prepared by Parsons, Brinckerhoff, Hall & MacDonald.

Rt. 129: — 7 Structures - Delaware River to Scotch Road:
Plans prepared by Michael Baker, Jr., Inc. Sent to Public Roads 5/19/59.

Rt. 168: — Culvert at Sta. 112+50 - Black Horse Pike:
Plans being prepared.

Rt. 169: — Point Breeze to Constable Hook - Bridge over RR, Center St. Ramp, Navy Footbridge and Rt. 169 over RR:
Reviewing plans prepared by E. Lionel Pavlo.

Rt. 202: — Bridges at S. Branch Raritan River, CRR of NJ, LVRR, Samuels Brook, Pleasant Run and Holland Brook:
Plans being prepared.

Rt. 208:
Sec. — Pedestrian O.P. at Ethel Ave.: Plans being prepared.
Sec. 4 — Bridges at Grandview Ave., Cedar Hill Ave., Russell Ave., Summit Ave. & NYS&WRR:
Plans being prepared.
Sec. 4 — Six Structures: Reviewing plans prepared by Goodkind & O'Dea.

Rt. 287:
Sec. — 23 Structures (Rt. 27 to Stelton Rd): Rev. plans by Madigan-Hyland.
Sec. — 14 Structures (East of Stelton Rd.): Rev. plans by Madigan-Hyland.
Sec. 1C&2B — 7 Structures: Bids to be received June 4, 1959.
Sec. 4 — 12 Structures: Rev. plans by Goodkind & O'Dea.

Rt. 295:
Sec. 1D — 4 Bridges: Plans being prepared.
Sec. 2E — 7 Structures: Reviewing plans by Sherman, Taylor & Sleeper.
Sec. 2F — 6 Structures: Reviewing plans by Sherman, Taylor & Sleeper.

Rt. 322: — Widening Six Structures:
Plans being prepared.

Union of Hwy. 1?9?

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May, 1959

Division: Maintenance and Operation

Bureau: Electrical Operations

FEDERAL AID INTERSTATE ROUTES

Bids received FAI Rt.80, Netcong to Denville, being processed for award of contract. Conduit, wiring and lighting layouts furnished Bridge Division, 5 bridges, FAI Rt.80 and 1 bridge, FAI Rt. 287.

MAINTENANCE AND OPERATIONS

33 bridges in full time operation, 6 on 24 hr. notice basis. Routine mechanical and electrical maintenance, all movable bridges, 906 traffic signals, 5 lane control systems and 887 illuminated signs. Replacement of highway lighting, traffic signals, sign equipment and drawbridge warning gates damaged and knocked down by traffic. Group relamping, signals. Painting signals along Rt. US1&9, Jersey City. Rt. 72 Manahawkin Bay Bridge lighting in operation May 28, 1959.

CONSTRUCTION

16 traffic signals under construction, 6 completed. Revisions at 8 existing signals completed. Completed changing over series to multiple lighting, Rt. US1&9 and Elizabeth Viaduct and Rt. 52 Beach Thorofare Bridge, Ocean City. Indication lights, 99% completed, Rt. 47 Grassy Sound Bridge.

DESIGN AND INSPECTION

21 signal approvals from Planning & Traffic. 12 new locations estimated. Underground plans completed for 28 jug handle locations to be included in roadway contracts. Furnished to Bridge Division, conduit, wiring and lighting layouts, 2 proposed overpasses. Preliminary road plans reviewed, conduit and junction box layouts, 1 location. Bids received for aboveground traffic signals and lighting for 29 jug handles, Rt. US1, Middlesex and Mercer Counties, being processed for award of contract.

NEGOTIATIONS

18 traffic signals under negotiation, 17 completed. 4 field inspections with contacts with local officials on lighting. 2 highway safety lighting installations under negotiation.

CLAIMS

Payments of claims in the amount of $9,209.44 received, 40 claims set up totaling $9,753.14, 38 result of property damage accidents. 36 work orders set up resulting in claims, totaling $15,185.00, 33 result of property damage accidents.

MISCELLANEOUS

Maintenance of mobile radio communicating system, 214 mobile units and 8 base stations. Installing service and wiring, Bldg. #2, Fernwood and 2 maintenance yards. Completed wiring office, Stock Room, Bldg. #1, Fernwood and 3 maintenance yards.

Maintenance and Operation

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of **May** 19 **59**

Division: **Maintenance and Operations**

Bureau: **Maintenance**

BRIDGE SECTION

Completed erection of automatic gate platform at Brielle Bridge on Route 35; erection of radio tower platform at Somers Point Bridge on Route 52; rebuilding of bridge seats at Maurice River Bridge on Route 49 at Millville; repairs to cyclone fence on eight bridges on Route 444; concrete repairs to four barrel arch at Peddie Lake on Route 33 at Hightstown, and the painting of the Erie Railroad Bridge on Route 7 at Kearny. Progress on the repainting of the Pulaski Skyway has been slow by reason of difficulty being experienced by the contractor in obtaining a sufficient number of painters through the local union. The contractor has now obtained clearance from the local union to obtain painters elsewhere and he expects to recruit sufficient help in the near future.

SIGNS AND LINES SECTION

Erected new type Green Directionary signs on Route 9 at Green Street, Woodbridge; Route 208, Arcola to Glen Rock; Routes 30 and 206 at Hammonton Control, and Routes 35 and 37 (Island Beach State Park); 20 Garden State Race Track signs on Routes 130, 38 and 70; reflectors on the new barrier curb on Route 1, between the Motor Vehicle Inspection Station and Harrison Avenue, Princeton, and all types of signs on new construction projects at Turnarounds on Route 1-9 at Smith Street and Avenel Avenue, Avenel; Jughandle on Route 1 at Jersey Avenue, New Brunswick; Route 202, Flemington Circle to South Branch of Raritan River; Route 72, Ship Bottom to Hilliard, and Route 42 North-South Freeway, from Blackwood to Turnersville. We have been experiencing considerable difficulty with the theft of route markers along Route 69, between Trenton and Clinton, and have placed the markers on 12 foot posts in an endeavor to cut down on these thefts. Readvertised for bids on two contracts for painting outside white traffic lines on pavements.

LANDSCAPE SECTION

Completed planting of Dogwood trees, which were furnished by the Blue Star Drive Garden Club, about the jughandles on Route 22 at North Plainfield; noise elimination planting on Route 444 in Union County; replacement of missing, dead and destroyed honeysuckle vines on median mound on Route 444, between Union and Woodbridge, and barrier screen planting along Ronson plant and warehouse frontage on Routes 444 and 1 in Woodbridge. Removed 11 large dead and dangerous trees in the Metropolitan area. Dapero Tree Experts, Incorporated, has completed work under Contracts A. B and C for roadside chemical spray treatment, and is now working on Contract D. McMahon Brothers, Incorporated, has completed approximately 75% of the work under its contract agreement covering experimental spraying for weed sterilization.

INSPECTION OF COMPLETED CONSTRUCTION PROJECTS

Inspected a total of five completed construction projects preliminary to acceptance by the Bureau of Maintenance and found all to be in satisfactory condition for acceptance.

Maintenance and Operations

Maintenance

MONTHLY DIVISIONAL REPORT Month of May 1959

Division: Maintenance and Operations

Bureau: Maintenance

MATERIALS SECTION

Completed bituminous resurfacing work on Route 15, north of Sparta; Route 71, Main Street, Asbury Park, and Route 88, through Lakewood; prime coat application surface treatment of the shoulders on six sections of highway in District No. 4, and three sections in District No. 5, and seal coat application on the shoulders on eleven sections in District No. 4 and five sections in District No. 5.

CONSTRUCTION SECTION

Completed miscellaneous construction projects totaling approximately $14,000.00, including a slope control project on Route 42 and a channelization job at the intersection of Route 23 and Bartholdi Avenue. Completed institutional construction projects totaling approximately $26,000.00, including the construction of parking areas and drives at the Lodi Armory.

SNOW REMOVAL

Started a survey of equipment available for the coming winter and locations to which it is to be assigned. Prepared and submitted to Supervisor of Materials our rock salt, calcium chloride and abrasive material requirements for the coming winter.

PERMITS SECTION

Total of 353 applications processed, including 177 for road openings, 38 for erection of poles, 103 for entrances, and 35 for miscellaneous projects.

MAINTENANCE BUILDINGS AND STRUCTURES

Two contracts advertised for painting of highway bridges, and two others are ready for advertising; completed leasing negotiations for new maintenance yard on Route 22 at Springfield, and preliminary layout drawings for new maintenance building to be located at Edgewater Park or Somerville; bids received for roof replacements at Avenel Garage and Building No. 1 at Fernwood; continued liaison with Bureau of Construction on Sand Hills installation, and selected new heating equipment for Avenel Garage.

MISCELLANEOUS

One representative of Bureau attended Freeway Operations Seminar sponsored by Institute of Traffic Engineers. Details of conference to be passed along to supervisory personnel at forthcoming staff meeting.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May 1959

Division: Maintenance & Operation
Bureau: of Plant & Equipment

NEW EQUIPMENT

The following new equipment was received during the month: 1 - F.W.D. 4 wheel drive truck with Fox hopper type spreader body; 8 - International medium duty dump trucks; 8 - International heavy duty dump trucks; 14 - 2 ton Ford dump trucks; 2 - 2 ton Ford stake body trucks; 1 - International 3/4 ton utility body truck with aerial ladder; 2 - Grace traction driven road brooms; 19 - Devere rotary type power mowers; 1 Alemite paint pump; 1 Homelite portable electric generator with portable electric breaker and electric hammer and 1 Ingersoll-Rand air motor hoist.

SNOW PLOW SECTION

In the Snow Plow Section, 15 old trucks were stripped for trade-in. Sixteen new trucks were equipped with snow plow and spreader equipment. The following equipment was repaired: 3 lift frames, 20 plows, 20 pipe struts, 2 trip springs, 35 hydraulic pumps and 20 hydraulic rams were repaired and painted.

GENERAL REPAIR SHOP

A total of 64 cars and trucks, and other equipment have been repaired and assembled, together with other major operations completed in the car and truck shop. The mower shop repaired and serviced 88 tractor mowers and 6 sets of Ranger reels. A total of 79 jobs were completed in the carburetor and ignition shop. Tail lights, headlights and safety lights were repaired and installed on 88 pieces of equipment.

The diesel shop completed 60 service and major jobs during the month in the shop and on the road. The machine shop completed 236 minor and major jobs during the month. The heavy equipment shop finished 20 major jobs on the road and in the shop and our carpenter and inspection shops were constantly active with regular and special assignments.

BUILDING MAINTENANCE SECTION

The following work was accomplished by this Section at Fernwood Service Station: rebuilt and repaired fan and blower unit in heating system in Building #18, removed bad roof boards and installed new ones in roof of Building #1, painted oil tanks in Building #16, 33, 3 and 9, cut and rehung swinging doors in hallway of Building #18, installed new window chains in all windows in Building #7. Installed new fire-door and jam between Building #20 and 17, cleaned out drainage pits in Building #8 and started new office in stockroom in Building #1.

Maintenance & Operations
of Plant & Equipment

NEW EQUIPMENT

The following new equipment was received during the month: 1 - 8'x16' [illegible] belt drive truck for hopper type spreader body; 2 - Intermediate medium duty dump trucks; 6 - Internationals heavy duty dump trucks; 12 - 2 ton four dump trucks; 2 - 2 ton flat stake body trucks; 1 - International 3/4 ton utility body truck with metal lumber; 2 - crane crotion cutter head trucks; 1 - Jaeger rotary type power mixers; 1 diesel pull grader; 1 Gasoline portable electric generator with portable flodlite system and electric hammer; and 1 Jaeger[illegible]-mast air motor hoist.

NEW PLANT BUILDING

In the above plan location, 35 old trucks were stripped for trade-in. Fifteen new trucks were supplied with same plan and specular equipment. The following equipment was requested: 3 ILLY frames, 20 pipe stands, 2 type grinders, 35 hydraulic jacks and dy dynamite rams were repaired and painted.

GENERAL REPAIR SHOP

A total of 60 cars and trucks, and other equipment have been repaired and assembled, together with other major operations completed in the car and truck shop. The shops shop repaired and serviced 53 tractor mowers and 6 jacks of hammer tools. A total of 75 jobs were completed in the fabrication and lighting shop. Dail lights, headlights and safety lights were repaired and installed on 65 pieces of equipment.

The diesel shop completed 60 service and major jobs during the month in the shop and on the road. The machine shop completed 236 minor and major jobs during the month. The heavy equipment shop finished 20 major jobs on the road and in the shop and car carpenter and inspection shops were constantly active with regular and special assignments.

[illegible] MAINTENANCE SECTION

The following work was accomplished by this Section at Furnace Service Station: [illegible] and repaired fan and blower rods in heating system in Building 12; rebuilt and repaired fan and blower rods in heating system in Building 12; installed new [illegible] in Building 46; installed new [illegible] in Building 47; changed out three fire-door and fan heating [illegible] and 17; changed out defective pipe in Building 46 and started new defective in Building 6.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May 1959

Division: Maintenance & Operation
Bureau: of Plant & Equipment

BUILDING MAINTENANCE SECTION - Cont'd.

At Newark Garage, new cesspool built, new toilet installed in stockroom, painted all overhead doors. Started new chimney at Branchville Garage. Painted and repaired overhead door at Clinton Garage. Made and installed window screens for Johns Diner at Metuchen.

Window screens for Johns Diner at Metuchen.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May, 1959 19

Division: PERSONNEL
Bureau:

RECRUITMENT AND TRAINING

During this month a series of four lectures were held in the Cafeteria Room of the Department Office Building concerning concrete pavement design and construction. They were presented in cooperation with the Portland Cement Association and were held in the evening from 7 to 9:50 p. m. Announcements and registration forms were circulated throughout the Department and attendance was voluntary. The total attendance was 375 with an average of 94 per evening. A copy of the agenda is attached.

SAFETY, PLANT SECURITY AND DISPENSARY

Safety - Two new men have been placed in the field as Inspectors. They will apply themselves for the present to the internal safety phase only and as they become trained, they eventually will be assigned to some inspection on contractors' projects. Since we have this additional personnel, closer observation is being made on these projects, evidenced by the manner in which the projects are safeguarded.

In order that time, effort, and cost may be reduced, and also to effectuate closer and more frequent observation of activities, one of the Inspectors will be assigned to work out of the Newark office and will be responsible for the northern area only.

Dispensary - In addition to the routine operation of this unit, the nurse participated in a tuberculosis detection program. This program was scheduled for personnel under the age of 35 years. From a list of 420 eligibles, a total of 163 employees was tested and 58 were given chest x-rays.

IN REPLY PLEASE REFER TO

Monthly Reports
Division of Planning,
Research, Soils and
Tests

State of New Jersey
STATE HIGHWAY DEPARTMENT
DWIGHT R. G. PALMER, COMMISSIONER
TRENTON 25

June 1, 1959

Commissioner Dwight R. G. Palmer:

Herewith are submitted the reports of this Division for the month of May 1959.

Planning & Traffic
Harry A. Hartmann
Supervising Engineer

Engineering Research
William VanBreemen
Research Engineer

Soils
Keith Rosser, Jr.
Assistant District Engineer

Testing Laboratory
J. C. Reed
Supervising Engineer

Neil MacDougall
Director and Chief Engineer
Division Planning, Research, Soils and Tests

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May 1959

Division: Planning, Research, Soils and Tests
Bureau: Planning and Traffic

HIGHWAY PLANNING SURVEY SECTION

During this month representatives of the Automotive Safety Foundation requested assistance by this Bureau in preparing data for their studies.

Road Reinventory

On May 29, 1959 training of an Inventory party was started for the purpose of resuming field work to complete Mercer County mapping.

"500" Series County Road Numbers

This Bureau met on April 3, 1959 with County Engineers Wagner, Keppler and Ackerman, to review the descriptions and maps prepared by this Bureau and sent to Mr. Wagner for review and approval. Certain changes by the committee of County Engineers on this matter are to be made and upon receipt of further data from Mr. Wagner, corrections will be made before releasing copy of these descriptions and maps.

Road Life

Work on the preparation of the 1958 State Mileage Reports are underway.

Mapping

Regular assignments of mapping on the General Highway Series maps and the drafting and varityping of special reports and forms were underway.

Local Road and Statistical Studies

Current reports on Statistical Studies were completed and submitted to the Bureau of Public Roads during the month.

National Defense Bridge Study

Data is being assembled for listing of bridges on designated defense routes on State Highways, the New Jersey Turnpike and the Garden State Parkway.

Newark Area Transportation Study

Additional review of text of report discloses some changes necessary before reproduction Table of Contents has been varityped. Part of the report is now being printed.

Penn-Jersey Transportation Study

On May 1,1959 the preliminary cordon line map was reviewed with Messrs. Rogers, Secretary of the Burlington County Planning Board, and Mr. F. L. Branin, Burlington County Engineer, at their offices in Mt. Holly. On May 5, 1959 the map was reviewed with Mr. Edward Mount, Mercer County Engineer, and Mr. Louis Calvinelli, Mercer County Planning Board. The subject of pertinent aerial photography was also discussed at these conferences.

Planning, Research, Data and Tests

Planning and Traffic

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May 19 59

Division: Planning, Research, Soils and Tests
Bureau: Planning and Traffic

Two meetings of the Executive Committee were held in Philadelphia on May 7, 1959 and May 27, 1959 at which applicants for staff positions were interviewed.

The Policy Committee held its monthly meeting on May 8, 1959.

The Technical Committee met on May 20, 1959 to discuss the coordination of the cordon line location and the progress of aerial photography.

HIGHWAY USE SURVEY SECTION

Field

In addition to the regular programmed Machine and Manual traffic counts the annual speed check at 7 stations were completed this month.

Office

The normal office functions of processing field traffic counts were completed this month.

TRAFFIC DESIGN AND RESEARCH SECTION

During this month the office work time of the Section was about evenly divided between research into various aspects of traffic signal timing; and the review and estimation of traffic volumes for new construction. Some field research work on behavior at traffic signals was initiated during this period.

HIGHWAY TRAFFIC OPERATIONS SECTION

During this period, the Highway Traffic Operations Section has received, investigated and processed requests for the installation, revamping, retiming and operation of traffic signals, has received and processed miscellaneous traffic investigations and has checked the timing and operation of signalized intersections.

TRAFFIC SAFETY CONTROL AND REGULATIONS SECTION

The assignments under way by this Section consisted of operating radar speed meter for speed zone studies; laying out and processing no passing zone surveys; making traffic investigations and parking studies; preparing regulations and evaluating riparian grant applications. Also prepared charts based on accident data and analysis of highway legislation for Bureau of Public Roads.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of **May** 19 59

Division: Planning, Research, Soils and Tests
Bureau: Engineering Research

PAVEMENTS

In collaboration with Soils Bureau, made studies and submitted recommendations for pavements and shoulders on FAI 287, Route 22 to Somerset-Morris County Line, and intersection revisions at (a) Route 1 and Milltown Road, and (b) Routes 130 and 73.

Made crack, faulting, and conditions surveys, and prepared slab layouts, on two projects on Route 22, between Somerville and Clinton (Rt. 28, Sec. 24B, and Rt. 28, Sec. 25C). The concrete pavements on these projects were constructed in 1946, by the Franklin Contracting Co., and are the oldest conforming with our present design. A report in connection therewith is being prepared.

Took periodic measurements on experimental concrete pavements on Route 130, vicinity of New Brunswick, to determine temperature at which they are under compression. These pavements were constructed with dolomite, and have undergone "growth" to the extent that there is now a possibility of serious rupturing or actual blow-ups in hot weather.

Took measurements at series of experimental expansion joints on Route 130, Yardville to Robbinsville. In 1951, the cork filler at these joints was removed and replaced with a mixture of sand,gravel, and bituminous material. This, incidentally, has had no apparent adverse effect, and may actually have been beneficial.

Inspected and reported on two experimental skidproofing sections on Route 1, Newark, involving in one case a blend of epoxy resin and thiokol, and in the other case asphalt and rubber. Both sections are now badly worn in the wheel tracks. The epoxy-thiokol has proved unsatisfactory, but the asphalt-rubber may have possibilities, if applied more liberally. Incidentally, on an over-all basis, the sand-asphalt skidproofing applied on the Pulaski Skyway in 1956 is still in very good condition.

BRIDGES

Measured and reported on the following bridges (a) Inland Waterway, Lovelandtown, (b) Beach Thorofare, Atlantic City, (c) Rancocas Creek, and (d) Victory, Perth Amboy. Also measured bridges over (a) Shark River, (b) Raccoon Creek, and (c) Cheesequake Creek. Frequent measurements were taken on the bridge over Cheesequake Creek, to determine its behavior during changes in temperature. Certain of the bearings on this bridge are in a seized condition, and have caused serious damage.

MISCELLANEOUS

Prepared and submitted report and compilation of pictures in connection with the behavior of the test sections in the AASHO Road Test. As of April

for pavements and shoulders on Rt. 29J, Route 22 to Somerset-Morris County Line, and intersection revisions at (a) Route 1 and Milltown Road, and (b) Routes 130 and 73.

ge creek, features, and conditions surveys, and prepared slab layouts on two projects on Route 2, between Somerville and Clinton (Rt. 2M, Sec. 2M, and Rt. 28, Sec. 2MJ). The concrete pavements on these projects were constructed in 1940, by the Franklin Contracting Co., and are the oldest being prepared.

pavements. These pavements were constructed with dolomite, and have undergone or actual blow-ups in hot weather.

These measurements at series of experimental expansion joints on Route 129, Lawrenceville to Robbinsville. In April, the cork filler at these joints was removed and replaced with a mixture of sand, gravel, and bituminous material. Incidentally, has had no apparent adverse effect, and may actua ly have been beneficial.

Inspected and reported on two experimental skidproofing sections on Route 1, January, involving in one case a blend of epoxy resin and thinol, and in the other case asphalt and rubber. Both sections are now busy ways in the wheel tracks. The epoxy-thinol has proved unsatisfactory, but the asphalt may have possibilities, if applied more liberally. Incidentally, an over-all basis, the sand-asphalt skidproofing applied on the Pulaski Skyway in 1950 is still in very good condition.

reports on the following projects (a) Indiana Refinery, Newton Thorofare, Atlantic City, (c) Manoosa Creek, and (d) Tuscan Abbey. Also measured bridges over (a) Shark River, (b) Manasquan over Cheesequake Creek, and (c) Cheesequake Creek. Pavement measurements were taken on to determine its behavior during opening Operation of the bearings on this bridge are in a seized and have caused serious damage.

18th, 134 of the flexible-pavement sections had failed to the extent of being declared out of the test, whereas practically no structural failure had occurred in the rigid-pavement sections.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May 19 59

Division: Planning, Research, Soils and Tests

Bureau: Soils and Subdrainage

SUBSURFACE EXPLORATION

Fifty-eight structure and road borings were made by our wash-boring rigs at a total of 14 different locations throughout the state.

Electric resistivity work was confined to demonstration of the equipment to trainees. This was done in Bayonne so that the results could be used by the State Geologist in an attempt to locate the original channel of the Hudson River. It is believed that the river originally followed the bed of the present Hackensack and spilled through the Palisades ridge at the site of the old Morris canal in Bayonne.

The hand crew made sixty-six borings at a total of five different locations.

The Soils Bureau is undertaking the boring program for the design by Madigan and Hyland of I Route 287 from the intersection with I Route 78 to the first crossing of U.S. Route 206. The job will entail in the vicinity of one Hundred and thirty borings.

ENGINEERING

Studies in the area of the U.S. Route 130 and Route 73 Interchange are now completed. It has been determined that a finished profile grade eight feet above the existing U.S. Route 130 will cause an eventual settlement of only one foot in the underlying material. It has therefor been decided to build the roadway nine feet above present grade so that the desired profile will be achieved along with the ultimate settlement. Total settlement will require approximately thirty years, while the highest yearly settlement (the first) will be approximately two tenths of a foot.

The remainder of the job will be wet excavated and a four lane detour road provided for U.S. 130 traffic while the grade is being raised and the roadway widened.

CONSTRUCTION

An unstable condition has presented itself on Route 208 Section 1 between Stations 294+00 and 337+00. The problem is caused by ground water rather than compressible material.

It was the feeling of this Bureau that the grade should be raised rather than excavating and replacing material. Mr. Englishman prepared a comparison estimate of the two methods from which Mr. Fritzsche chose the plan calling for raising the grade.

Planning, Research, Soils and Tests
and Subdrainage

Studies in the area of the U.S. Route 130 and Route 73 Interchange are now completed. It has been determined that a finished profile grade eight feet above the existing U.S. Route 130 will cause an eventual settlement of only one foot in the underlying material. It has therefor been decided to build the roadway nine feet above present grade so that the desired profile will be attained along with the ultimate settlement. Total settlement will require approximately thirty years, while one eighth (one fifth) will be approximately two tenths of a foot.

The remainder of the job will be wet excavated and a four lane detour road provided for U.S. 130 traffic while the present road is being relocated and reconstructed.

Stations 294+00 and 337+00. The problem is caused by ground water rather than compressible material.

It was the feeling of this bureau that the area should be raised rather than excavating and replacing material. Mr. Bigliardi prepared a comparison estimate of the two methods for raising the grade. Previous plans for raising

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May 19 59.

Division: Planning, Research, Soils and Tests

Bureau: Testing and Materials

NEW MATERIALS

One sample of Fine Aggregate, four samples of Blast Furnace Slag, one sample of Quarry Run Stone, one sample of Ledge Rock received for quality test. Two sources of Gravel for use in Bituminous Stabilized Base Course were subjected to stability tests.

MATERIALS' DEVELOPMENT

Samples have been received and test series started on a combination of White Pigmented Curing Material and Waterproofing Silicone.

PERFORMANCE TESTING AND INSPECTION

Samples of riveted joints were tested from sections of Corrugated Metal Pipe to determine the effectiveness of Flat Head Rivets as compared to Oval Head Rivets usually used. Several samples of various materials for use as Light Baffles on Barrier Curbs have been received for testing. A sample of White Reflecting Mortar material was received for test as a recommended substitute for White Concrete in White Curbs and Barriers. A series of samples of Perforated and Porous Pipe for French Drain made from concrete clay and asbestos cement were tested for Flexure. Two samples of Non-Metallic Waterstops were received and tested for the Bridge Division. Two-component Cold Pour Joint Sealers in two colors were received and tested. The 1958 Cooperative Tests of Traffic Paint with ASTM Subcommittee IV Committee D-1 were completed and reported. The 1959 Series of Experimental Traffic Line Road Tests has been put down on Concrete and Asphalt Pavements on Rt. 73 at Kresson and on Rt. 130 at the Bridge Approach of Woodbury Creek. The series this year also includes evaluation tests of regular and Waterproof Beads. The Second Series of Lines on Rt. 130 was applied with the new experimental Paint Striper procured by the Laboratory for this purpose. The Eleventh Monthly Readings of Paint Lines applied in 1958 were given their regular monthly inspection. One project was inspected prior to expiration of the normal Maintenance Bond.

MEETINGS AND CONFERENCES

Forty-one persons from this Bureau attended the four-part series of lectures on "Concrete Pavement Design and Construction" presented by the P.C.A.

SAMPLES RECEIVED

During this month, 2726 Samples were received compared to 2310 received in the corresponding month of 1958.

JCR/AM. 6-2-59.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May 1959

Division: RIGHT OF WAY ACQUISITION & TITLES

Bureau: Appraisals & Negotiations

The Division of Roads transmitted agreement forms covering 223 parcels, of which 59 were revisions.

GENERAL PROPERTY PARCEL MAPS

13 General Property Pardel Maps were approved as follows:

Route 4, Section 4H	At Hackensack Avenue. One print. Negotiations authorized, set up $50,000.
Route 29 (1927), Sec. 12B	Route U. S. 202 (1953), River Road to Route 28. Negotiations authorized, set up $11,000.
Route 20 (1953), Sec. 1	At Paterson Plank Road. One print. Negotiations authorized, set up $2500.
Route 95 (1953), Sec. 1B	Teaneck Road to Route 4. Negotiations authorized, set up $23,000.
Route 28, Section 1	Coolidge Place to Bridge Street. Negotiations authorized, set up $200,000.
Route FAI 101-5-(3)	Negotiations authorized for Parcel 64, set up $18,500.
Route 129 Freeway, Sec. 2	Scotch Road to Federal City Road. Negotiations authorized for Parcels E17C, 20 A&B, 21. Set up $60,000.
Route 129 Freeway, Sec. 3	Federal City Road to Route U. S. 1. Negotiations authorized for Parcels 21 A&B; 23 AB&C; 24 A&B; 26 A&B; 27 A,B,C&D; 30; 29AB&C; 34 A&B; Set up $440,000.
Route 29, Section 11A	Route U.S. 202 (1953) South Branch Raritan River to Centerville. Negotiations authorized, set up $3500.
Route 35, Section 4	Eatontown to Redbank. Negotiations authorized, set up $400,000.
Route 69 Freeway, Sec. 1	From vicinity of Pennington Circle to Route U. S. 1 in the vicinity of Slackwood. Five sheets approved. Negotiations authorized, set up $80,000.
Route 71 (1953), Sec. 1	Route 35 to Poplar Avenue, of a property to be acquired at Ocean Port Creek, Poplar Brook and Whale Bound Brook. Negotiations authorized, set up $1000.

APPRAISALS, NEGOTIATIONS, CONDEMNATIONS, ETC.
A total of 135 items were presented to the Commissioner for action, including:

80 Agreements
32 Condemnations
5 Awards
1 Appeal Authorized
3 Judgements approved
1 Rescind condemnation property not to be acquired
1 Conformatory Deed
1 Accept Title subject to Easement
3 Wording change in Title of General Property Parcel Map
1 Authority to pay consideration
1 Allocation of funds on Route 42, Section 15 reduced from $1,200,000. to $600,000.
3 Buildings sold at public auction
2 Deeds of Conveyance
1 Sale of Excess Land consummated

APPRAISAL ORDERS APPROVED
24 Orders were approved with outside fee appraisers for a total of $6,308.00

PERSONNEL
The following personnel changes were made during the month of May

Edward A. Applegate	Employed as Right of Way Negotiator assigned to northern district
Josephine Kearstan	Employed as Clerk Stenographer assigned to central district

H. N. Kramer

MB:pb

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May 19 59

Division: Right of Way Acquisitions & Titles
Bureau: Legal

I. STATISTICAL

Papers drawn in April

Condemnation

Complaints - 32
Orders to Show Cause - 32
Orders of Continuance - 3
Orders for Judgment and Appointing Commissioners - 10
Order Substituting Commissioner - 1
Orders Granting Compensation to Commissioners - 8
Orders Extending Time for Filing Reports - 21
Orders of Dismissal - 2
Notices of Appeal - 2
Orders on Appeal - 2

Number of Deeds Approved - 73
Number of Titles Approved - 71

Court Appearances - 35

II. GENERAL ACTIVITIES

Conferences with Attorney General and various Deputy Attorneys General; preparation for court appearances and appearances in court; preparing legal briefs and memoranda; conferences in re same.

At the end of May we have started as many condemnation proceedings as we did up to December 10th of last year. We filed 18 more complaints in May than we did in April. There will be a continuing increase in the number of condemnation cases.

III. INTERDEPARTMENTAL SERVICES

Conferences with department heads with reference to various problems; opinion memoranda for Commissioner Palmer, department heads and employees; approving, disapproving and re-writing various legal papers and documents; recommendations for condemnation or settlement; trial preparation; brief writing and similar services. The number of Deeds and the number of Titles approved by this Division have also increased.

Complaints - 31
Orders to Show Cause - 37
Orders of dismissal - 5
Orders for Judgment and Appointing Commissioners - 11
Orders Appointing Receivers - 1
Orders Granting Confirmation to Commissioners - 1
Orders Extending Time for Filing Reports - 11
Orders of Dismissal - 2
Notices of Appeal - 1
Orders on Appeal - 2

Number of Deeds Approved - 13
Number of Titles Approved - 21

County Appearances - 35

Conferences with Attorney General and various Departments Attorneys General; preparation for court appearances and appearances in court; preparing legal briefs and memoranda; conferences in re same.

At the end of May we have started as many condemnations proceedings as we did up to December 31st of last year. We filed 13 more complaints in May than we did in April. There will be a continuing increase in the number of condemnation cases.

IV. MISCELLANEOUS

Attending bidding; seeing that all necessary papers are prepared; dictating all court matters; numerous other matters which arise during the course of the month.

WJM/mmd

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May 1959.

Division: Right of Way Acquisition & Titles
Bureau: Title

TITLE SEARCHING

94 searches and 129 condemnation searches were completed throughout the State.

TITLE EXAMINING

71 title searches were examined and Reports of Title prepared.

LEGAL INSTRUMENTS

95 Legal instruments were prepared and forwarded to the owners or their attorneys for execution.

CERTIFICATE OF TITLE

71 Certificates of Title were prepared and submitted to the Department of Law for approval.

SETTLEMENTS

67 final settlements were made with property owners.

CONDEMNATIONS

18 Title Memorandums were prepared and forwarded to the Department of Law. 146 condemnation notices were served.

TITLE COMPANIES

15 deeds were delivered through the offices of title companies.

23 checks were delivered to title companies with instructions for settlement with the owners.

Edward H. Drake
Title Officer

Month of May 1954.

Number Nature of Work Remarks & Trains

Number Title

Surveys and 129 condemnation searches were completed
throughout the State.

TITLE EXAMINING

71 title searches were examined and Reports of Title prepared.

FINAL SETTLEMENTS

Final Instruments were prepared and transmitted to the Deputy
Attorney General for execution.

CERTIFICATES OF TITLE

71 Certificates of Title were prepared and submitted to the
Department of Law for approval.

RELEASES

47 final settlements were made with property owners.

RELEASES

47 Releases were prepared and forwarded to the Depart-
ment of Law. 140 condemnation notices were served.

TITLE INSURANCE

15 Deeds were delivered covering the acquisition of title insurance;

47 Releases were delivered covering final settlements with the owners.

Director of Transit
Title Officer

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May 1959

Division: Roads, Design & Construction

Bureau: Location & Design

FEDERAL AID

Programming of NJ-I-78-2(18) Mulhockaway Creek to Rt.US-22; NJ-I-295-2(12) Marne Highway to Intersection of I-95 & Rt.29; F-26(8) Rt.35-Shrewsbury Ave. to Newman Springs Road-Rt.US-322; F-26(9) Rt.35-Shrewsbury Ave. to Newman Springs Rd.(R/W); F-105(9) Weymouth to Rt.50 (R/W)Rt.US-322; F-105(10) Weymouth to Rt.50-Rt.US-322; F-109(18) Rt.202 Three Bridges to Holland Brook; F-189(21) Rt.208-Interchanges-Grandview, Cedar Hill, Russell & Summit Avenues; F-112(17) Rt.18-Spring Valley Rd. to Freneau Road; F-106(7) Rt.38-Church Road to Marter Avenue; F-106(8) Rt.38-Church Road to Marter Avenue (R/W); U-203(3) Rt.129-Delaware River Bridge to Scotch Road; U-203(4) Rt.129-Deleware River Bridge to Scotch Road(Utility); U-203(5) Rt.129-Scotch Rd. to Federal City Rd.(R/W) Stage #1; U-203(6) Rt.129-Federal City Road to Rt.US-1(R/W) Stage #1; U-198(7) Rt.129-Wilburtha Rd. to Scudders Falls; U-95 Rt.US-1-Woodbridge Ave.Overpass (R/W,Constr. Stage #1); U-125(4) Rt.128-Lehigh Valley RR to Faitoute Ave.(R/W).

OFFICE ENGINEER

Processing Plans and Specifications for: Route 18 Section 5 - Spring Valley Road-U.S.9; Route 35 Section 4-Eatontown-Red Bank; Route 38 Sections 1A & 2A-Church Road-Marter Ave.,Dualization; Route 71 Section 1-Bridges and App. at Popular Br.,Whale Pond Brook & Oceanport Creek; Route 80 Section 4A-Temporary Roadway at Passaic River Bridge; Route US 130 Section 2-Main St. to Farnsworth Ave.,Drainage; Route 169 Section 1-Bayonne; Route 287 Section 1B-West Viaduct to Route 22; Route 208 Section 4-Harristown Rd. to Goffle Rd.; Route 10 Section 3-Salem St. Overpass; Route 17-Century Rd.Overpass and Island Closings; Route US 322 Section 1-Weymouth Rd. to Rt.50.

INTERSTATE

Rt.I-80 Columbia to Netcong-selection of route surveys 100% complete; I-80-3 Denville to Wayne-selection of line studies 90% complete-studies of interchanges under way; Rt. I-80-4 Wayne to Garden State Parkway-preparation of design contracts 77% complete; I-80-5 Garden State Parkway to George Washington Bridge-preparation and design plans & right of way plans 42% complete-first construction contract to be ready by Aug.1; Rt. I-95 Rt.46 in Ridgefield Boro-study of alignment 75% complete-study of interchange between I-95 & Rt.46 under way; Rt.I-78 Berkeley Heights to Springfield-preparation of design plans under way, vicinity of Newark airport-additional studies prepared of interchange at the Newark Airport; Detailed interchange studies presented on Rt.78 between Pluckemin & Berkeley Heights; Construction plans completed on Rt.287 between New Durham Road and Whitman Ave.;I-287 sec.3 Parsippany to Montville preparation of design plans 35% complete.

MISCELLANEOUS

Rt.3 Sec.2-Secaucus-study of alignment complete-line approved by Bureau of Public Roads; Rt.24 Frwy Springfield to Morristown-studies for feasible line under preparation together with traffic & interchange studies-20% complete;Construction plans received at Trenton Office for processing-Deal Lake wid.-Rt.71 Asbury Pk; Rt.18&Rt.US9 interchange;Rt.US 1 Edison Twp-jughandles & Rt.US9 Ernston Rd.,jughandles; Rt.US130 Delran & Cinnaminson Twps, jughandles;Rt.35 Eatontown to Red Bank(wid);Public Hearing at Shrewsbury on May 27th on Rt.35,Red Bank to Eatontown; Public Hearing held at Perth Amboy May 14th -Rt.35,Convery Blvd,from Smith St. to N.J.Turnpike Bridge.

[illegible] Roads, Design & Construction

Bureau: Location & Design

[illegible]

[illegible] remaining of Md-1-75-2(15) multiple-way Creek to Rt.US-22; Md-1-295-2(12) Perry Hill-
[illegible] to Intersection of I-95 & Rt.29; F-Elk(3) Rt.35-Shrewsbury Ave. to Human Opening
[illegible]. -U2; [illegible]; Three Bridges to Holland Brook; P-Lib(22) Rt.206-Hornerstown-Brandywine, Outer Hill,
Russell & Summit Avenues; P-Lib(17) Rt.Ld-Spring Valley Rd. to Truman Road; F-Lib(2)
-203(3) Rt.129-Delaware River Bridge to Boston Road; U-203(1) Rt.129-Delaware River
[illegible] Rd. to Woodbridge Ave.Overpass (R/W,Contr.
[illegible]); U-125(1) Rt.129-South Valley Rd to Baltimore Ave.(R/W).

[illegible]

[illegible] Plans and Specifications for: Route 15 Section 5 - Spring Valley Road-L.S.;
[illegible] 35 Section 1-Eastown-Red Bank; Route 33 Sections 1A & 2A-Church Hornerstown
[illegible]; Route 71 Section 1-Cripps and Hop. at Poplar Pr.,Whale Pond Brook
[illegible]; Section 2-Main St. to Farmworth Ave.,Drainage; Route 149 Section 1-Bridge;
Section 207 Section 1B-West Viaduct to Route 22; Route 205 Section 1-Harrisburg Rd. to
Rt.; Route 10 Section 3-Salem Co. overpass; Route 17-Century Rd.Overpass and
[illegible]; Route US 322 Section 1-Monmouth Rd. to Rt.90.

[illegible]

[illegible]0 Columbia to Hebron-selection of route surveys 100% complete; I-80-3 Derrville
[illegible]-selection of line studies 90% complete-studies of interchange under way; Rt.
[illegible] Cape to Garden State Parkway-preparation of design contracts 77% complete;
[illegible] Garden State Parkway to George Washington Bridge-preparation and design plans &
[illegible] of way plans 82% complete-first construction contract to be ready by Aug.1; Rt.
[illegible].40 in Ridgefield Boro-study of alignment 75% complete-study of interchange be-
[illegible] Rt.40 under way; Rt.1-78 Berkeley Heights to Springfield-preparation of
I-95 & Rt.40 under way; Rt.1-78 Berkeley Heights to Springfield-preparation of
plans under way, vicinity of Newark airport-additional studies prepared of Inter-
[illegible]en & Berkeley Heights; Construction plans completed on Rt.287 between New Brun-
[illegible] complete.

[illegible]

[illegible]-study of alignment complete-line approved by Bureau of Public Roads;
[illegible] Springfield to Morristown-studies for feasible line under preparation to [illegible]
[illegible]

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May 19 59

Division: Design & Construction
Bureau: Road Construction

ROUTE (1953)	(1927)	SECTION	LOCATION	PERCENTAGE COMPLETED May 1st.	June 1st.59
1 & 9		1 & 2	Ramp Revisions, Grading, Paving and Bridges, Newark	4%	11%
1 & 9	1	2-C	Channelization of Traffic Circle at Route 3	93%	100%
20	3	3C &4F	Crooks Ave. to Roadway; Island Closing	22%	40%
	S3	3-D	Grove Street to Passaic Avenue	88%	95%
US 46	6	7F &1P	Westminster Circle to Burton Avenue	45%	56%
US 46	6	9-D	Union Blvd. to Valley Road,Widening & Resurfacing	4%	19%
17		1	Belleville Turnpike to Rutherford Avenue, Kearny	0%	0.5%
17		7-C	Underpass at Midland Avenue	88%	96%
18		2	Clifton Avenue to New Jersey Turnpike	3%	16%
18		3	Pine Street to 800' E. of Spring Valley Road	31%	36%
18		4	Old Bridge Circle to Pine Street	34%	36%
21		1-B	Roosevelt Avenue to High Field Lane	49%	51%
23		15-A	Steenykill Lake to Clove Road	6%	16%
US-1	26	3	Alexander Road to State Police Barracks	12%	29%
US-1	25	6-C	Construction of Turnarounds, Twps. Woodbridge & Edison	56%	71%
US-1		1	Lake Drive to N.J. Motor Vehicle Inspection Station	8%	17%
US-1	26	2	Alexander Road to Motor Vehicle Station	28%	44%
US-1	26	3C &4E	State Police Barracks to Stouts Lane	55%	67%
US-1	26	4D &5C	Stout's Lane to Cozzens Lane	44%	55%
US-1	26	5-D	Cozzens Lane to Penn. Railroad Bridge	74%	97%
US 1 & 9		1	Center Island Closing & Turnarounds	40%	68%
18	S-28	1D&2B	Old Bridge-New Brunswick Trnpk. to W. Amherst Sts., Etc.	57%	75%
US-30		1	Taunton Rd. to Wellington Ave., Widening & Repaving	17%	36%
US-30		2	Wellington Ave. to Bell Ave., Widening & Repaving	14%	31%
US-30		3-A	Channelized Intersection at Clements Bridge Road	0%	0.95%
	37	16	Mathis Bridge to Seaside Heights	98%	98%
	S-40	5-D	Hilliard to Ship Bottom; Grading & Paving	49%	67%
73	S-41	1-D	Palmyra Br. Plaza to U.S. Rt. 130; Widening & Drainage	90%	100%
322	42	6-C	Route 50 to McKee City, Dualization	29%	53%
(Frwy)	42	14F&15C	No.-So. Freeway, Black Horse Pike to Turnerville	85%	93%
77	46	8-A	From Station 22+0 to Route 49, Bridgeton	13%	22%
80		5-A	Demolition of Bldgs. Railroad Ave. to Dunn Street	0%	1%
80		5-B	Demolition of Bldgs. Dunn Street to Queen Anne Road	0%	8%
80		5-C	Demolition of Bldgs. Queen Anne Road to Teaneck Road	0%	8%
80	101	2-A	Mt. Hope-Rockaway Rd. to Rt. 46; Grag., Pavt., Bridge	77%	83%
80	101	2-C	Howard Blvd. to Rt. 15; Grading, Paving, Bridges	63%	65%
	101	2-D	Bridge over DL & W Railroad	58%	76%
78	102	2-B	Still Valley to Central R.R. of New Jersey	47%	49%
287	104	1A&2A	W. & E. Viaduct Crossing of Raritan River	61%	71%
295	108	1-B	Hollywood Avenue to New Jersey Turnpike	41%	47%
295		1-C	Browning Lane to Broadway, Grading, Paving & Bridges	0%	2%
295	108	2-B	Sta. 118+0 to Sta. 220+0; Boros. Haddon Heights, Barrington & Lawnside, Camden County	94%	96%
202	29	11-B	Flemington Circle to So. Branch Raritan River; Dual.	90%	94%
US 202		2	Beechwood Drive to Huyler Road, Dualization	23%	42%
US 78		2-E	Central R.R. of N. J. to Mulhockaway Creek	10%	19%
78		2-F	*Bridges over Central R.R. of N.J. and L.V.R.R.		
US 202		3	Huyler Road to 700' E. of C.R.R. of N. J.	24%	31%

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May 1959

Division: Design & Construction

Bureau: Road Construction

ROUTE (1953)(1927)	SECTION	LOCATION	PERCENTAGE COMPLETED May 1st.	June 1st.
US 202	4	700' E. of C.R.R. of N.J. to Somerville Traffic Circle	20%	26%
129		*Scudders Falls Br. over Delaware River (Contract #1)		
208	1	1300' W. of Grandview Ave. to 1000' W. of Helena Ave.	21%	33%
208	2	1000' W. of Helena Avenue to Colonial Road	19%	28%
208	3	Goffle Road to 1300' W. of Grandview Avenue	22%	37%
		N. J. State Teachers College, Montclair, Contract #2	22%	40%
		Palisades Interstate Parkway, N. J. Sections 1U & 2S from Fort Lee Bridge Plaza to N. Y. State Line, Planting	0%	10%

CONTRACTS AWARDED DURING MAY

Route 17, Section 1, from Belleville Turnpike to Rutherford Avenue in the Town of Kearny. Awarded to Standard Bitulithic Company on May 1, 1959.

Route 45, Section 1, Resurfacing Roadway Approaches & Bridge Deck at Woodbury Creek. Awarded to Brann & Stuart Company on May 4, 1959.

Route U.S. 9(1953) Section 3; Route 88(1953) Section 1; Route 35(1953) Section 2; and Route 37(1953) Section 1, Drainage Improvements - Awarded to Central Construction Company on May 12, 1959.

Route 15, Section 1, Bridge over Burnt Meadow Brook. Awarded to Whippany Construction Company on May 27, 1959.

CONTRACTS ACCEPTED DURING MAY

Route 45, Section 30, Resurfacing of Roadway and Bridge Deck in the City of Woodbury. Accepted May 6, 1959.

Route 4, Section 4-J, Route 17 to Grand Avenue, Grade Separation at Spring Valley Road. Accepted May 6, 1959.

Palisades Interstate Parkway, Sections 1T & 2R, Chain Link Fence from Fort Lee Plaza to Palisades Avenue. Accepted May 15, 1959.

Route 35, Section 4-B, Lewis Street & Broad Street Connection. Accepted May 19, 1959.

Route 10, Section 4-C, from Route 53 to Salem Street, Pavement Widening and Resurfacing. Accepted May 19, 1959.

Route 31, Section 12, from Woodside Avenue to Lawnwood Avenue, Pavement Reconstruction. Accepted May 19, 1959.

Route 21 (Freeway) Section 1-A, from William Street to Roosevelt Avenue in Belleville. Accepted May 27, 1959.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May 1959

Division: Design & Construction
Bureau: Road Construction

GENERAL NOTES

During the past month seven projects were accepted and four projects were awarded.

The highlights of the month were, of course, the dedication of the bridge and causeways of the Manahawkin project, the opening of the Route 42 project between Blackwood and Turnerville, and the opening of the west lane of the first section of Route 202 to traffic. Also, concrete paving work on Route 108, Section 1-B, as well as the widening work on the two "D" projects on U.S. 30 are all well under way.

The number of small projects being advertized and awarded is putting a heavy strain on our inspection forces. Several employees have left the Department during the past month.

At the present time there are 53 projects, valued at about $65,000,000 covered by 151 inspectors. Also, there are 5 projects valued at about 6½ million on which bids have been received, but no award made as of this date.

Allen C. Ely

Allen C. Ely
Supervising Engineer, Bureau of Road Construction

Dear Sir:

Enclosed is a statement of the Marshall County Highway Department's activities during the month of May, 1939.

The number of small projects being advertised and awarded is putting a heavy strain on our inspection forces. Several employees have left the Department during the past month.

As the present rate of spending requires an average of $3,000 per day, covered by 121 inspectors. Also, there are 5 projects valued at about $1 million on which bids have been received, but no award made as of this date.

Yours truly,

Superintending Engineer, Bureau of Road Construction

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May 1959

Division: Roads, Location and Design
Bureau: Federal Aid Secondary

PLANS

Checking plans for the following projects:

Fort Mott Road, Salem County, S243(1)
Meadow Avenue, Ocean County, S178(2) (Revised)
Ridgewood Avenue, Bergen County, S237(1)

PREPARING SPECIFICATIONS

Fort Mott Road, Salem County, S243(1)

PROJECTS ADVERTISED

Morristown-Whippany Road, Morris County, S122(2)
Lacey Road, Ocean County, S239(1)
Phillipsburg-Belvidere Road, Warren County, S228(2)
Moonachie Avenue, Bergen County, S236(1)
Fort Mott Road, Salem County, S243(1)

BIDS RECEIVED

Bridgeton-Port Norris Road, Cumberland County, S191(4)
Lacey Road, Ocean County, S239(1)
Phillipsburg-Belvidere Road, Warren County, S228(2)

CONTRACTS AWARDED

Quinton-Elmer Road, Salem County, S50(5)
South Pemberton Road, Burlington County, S208(2)
Bridgeton-Port Norris Road, Cumberland County, S191(4)
Morristown-Whippany Road, Morris County, S122(2)
Lacey Road, Ocean County, S239(1)

PROJECTS ACCEPTED AS COMPLETE

Quinton-Elmer Road, Salem County, S50(5)

MISCELLANEOUS

Reviewing plans for proposed construction as requested by the various Counties, checking As Built Plans for Final Payments, preparing agreements between State and County for Federal Aid Secondary Projects and preparing Final Estimates, etc. on completed projects. Also preparing Final Vouchers on completed projects, and making Final Inspections, etc.. Received Final Payment from Federal Government on one F.A.S. Project.

Port Mott Road, Salem County, S842(1)

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of May 19 59

Division: State Aid

Bureau:

GENERAL

Good weather during May resulted in a marked increase in the volume of State Aid work accomplished in comparison with 1958.

COUNTIES

Maintenance and repair work in most counties has been at a very high rate during the month. Items requiring office processing: 32 received, 33 processed.

MUNICIPALITIES

Many of the construction projects carried over from 1958 have been completed. 1959 maintenance projects are well under way. Several have already been completed. The rate of Municipal Aid construction is nearing the usual early summer high. Items requiring office processing: 307 received, 382 processed.

PERSONNEL

All field personnel have taken over normal inspection assignments. As more projects start multiple assignments for the inspectors will increase.

and repair work in most counties has been at a very high rate during the month. Items requiring office processing: 32 received, 33 pro-

of the construction projects carried over from 1953 have been completed. projects are well under way. Several have already been com-

personnel have taken over normal inspection assignments. As more multiple assignments for the inspectors will increase.

NJDOT RESEARCH LIBRARY
3 4310 00011 6411